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Intel Platform Memory Operations

DDR3L/RS 1600 Memory Down Validation Results

Listed below are the results from a small sample of DDR3L/RS 1600 DRAMs tested on Intel reference mobile platforms based on 5th Gen Intel® Core™ Processor based on Mobile U-Processor Line (codename Broadwell). Providing this information as a guide to component performance with Intel® reference platforms. This testing is not intended to replace the normal OEM component qualification process. For results on specific Intel® motherboards or OEM production motherboards, please refer to the OEM's list of qualified memory suppliers.

DRAM DDR3L/RS 1600 (Memory Down)									
DRAM									
Supplier	Part Number	Package Density	Density Die	Package	Width	Die Revision	Date Code	Tested Speed	Reduced Standby
Micron	MT41K256M16LY-107:N	4Gb	4Gb	SDP	x16	E	1428	1600 CL11	No
Micron	MT41K256M16HA-125:E	4Gb	4Gb	SDP	x16	E	1338	1600 CL11	No
Micron	MT41K256M16HA-125 M:E	4Gb	4Gb	SDP	x16	E	1338	1600 CL11	Yes
Micron	MT41K512M16TNA-125:E	8Gb	4Gb	DDP	x16	E	1410	1600 CL11	No
Micron	MT41K512M16TNA-125:M:E	8Gb	4Gb	DDP	x16	E	1412	1600 CL11	Yes
Samsung	K4B4G1646Q-HKK0	4Gb	4Gb	SDP	x16	Q	1349	1600 CL11	Yes
Samsung	K4B4G1646Q-HYK0	4Gb	4Gb	SDP	x16	Q	1349	1600 CL11	No
SK hynix	H5TC4G63CFR-PBA	4Gb	4Gb	SDP	x16	C	1438	1600 CL11	No

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Approved Test Labs:

The following test labs have the capability of performing LPDDR3 system-level testing. For further information please contact:

Advanced Validation Labs

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